

APPENDIX 13: See third page for L-Carnitine

U.S. Department of Health & Human Services
U.S. Food & Drug Administration
Center for Food Safety & Applied Nutrition

Food Ingredients and Packaging

EAFUS: A Food Additive Database

This is an informational database maintained by the U.S. Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition (CFSAN) under an ongoing program known as the Priority-based Assessment of Food Additives (PAFA). It contains administrative, chemical and toxicological information on over 2000 substances directly added to food, including substances regulated by the U.S. Food and Drug Administration (FDA) as direct, "secondary" direct, and color additives, and Generally Recognized As Safe (GRAS) and prior-sanctioned substances. In addition, the database contains only administrative and chemical information on less than 1000 such substances. The more than 3000 total substances together comprise an inventory often referred to as *"Everything" Added to Food in the United States* (EAFUS).

This list of substances contains ingredients added directly to food that FDA has either approved as food additives or listed or affirmed as GRAS. Nevertheless, it contains only a partial list of all food ingredients that may in fact be lawfully added to food, because under federal law some ingredients may be added to food under a GRAS determination made independently from the FDA. The list contains many, but not all, of the substances subject to independent GRAS determinations. For information about the GRAS notification program please consult the Inventory of GRAS Notifications.

The list below is an alphabetical inventory representing only five of 196 fields in FDA/CFSAN's PAFA database.

Definitions of the labels that are found in the inventory are:

Label	Definition
DOCTYPE	An indicator of the status of the toxicology information available for the substance in PAFA (administrative and chemical information is available on all substances):
ASP	Fully up-to-date toxicology information has been sought.
EAF	There is reported use of the substance, but it has not yet been assigned for toxicology literature search.
NEW	There is reported use of the substance, and an initial toxicology literature search is in progress.
NIL	Although listed as a added to food, there is no current reported use of the substance, and, therefore, although toxicology information may be available in PAFA, it is not being updated.
NUL	There is no reported use of the substance and there is no toxicology information available in PAFA.
BAN	The substance was formerly approved as a food additive but is now

MAINTERM	The name of the substance as recognized by CFSAN
CAS RN OR OTHER CODE	Chemical Abstract Service (CAS) Registry Number for the substance or a numerical code assigned by CFSAN to those substances that do not have a CAS Registry Number (888nnnnnn or 977nnnnnn-series)
REGNUM	Regulation numbers in Title 21 of the <u>U.S. Code of Federal Regulations</u> where the chemical appears.

To access the specific regulations listed below, type in the title number, **21**, and then the section and part numbers, *e.g.* **184** and **1330** at the Government Printing Office web site.

To search this list, use your browser's "find" feature. In most web browsers look under the **Edit** menu at the top of your browser window and click on **Find** (or use **CTRL-F**) to bring up the browser's "find" window. Type in the phrase you wish to search on, and your browser window should move to the next occurrence of that phrase on this web page.

2003-MAY-16

EVERYTHING ADDED TO FOOD IN THE UNITED STATES

DOC TYPE	DOC NUM	MAINTERM	CAS RN OR OTHER CODE	REGNUM
ASP	1620	ACACIA, GUM (ACACIA SENEGAL (L.) WILLD.)	009000-01-5	184.1330 169.179 172.230
ASP	2952	ACESULFAME POTASSIUM	055589-62-3	172.800
ASP	1	ACETAL	000105-57-7	172.515
ASP	2	ACETALDEHYDE	000075-07-0	182.60 177.2410
ASP	3	ACETALDEHYDE, BUTYL PHENETHYL ACETAL	064577-91-9	
EAF	2997	ACETALDEHYDE ETHYL CIS-3-HEXENYL ACETAL	028069-74-1	
ASP	4	ACETALDEHYDE PHENETHYL PROPYL ACETAL	007493-57-4	172.515
ASP	5	ACETANISOLE	000100-06-1	172.515
ASP	1609	ACETIC ACID	000064-19-7	133.179 172.814 184.1005 73.85 178.1010 133.173 133.178 133.123 133.124 133.169
NUL	1621	ACETIC ANHYDRIDE	000108-24-7	172.892
ASP	6	ACETOIN	000513-86-0	182.60

ASP	1854	CARNAUBA WAX (COPERNICIA CERIFERA (ARRUDA) MART.)	008015-86-9	184.1978 175.320
ASP	2968	L-CARNITINE	000541-15-1	
ASP	1855	CAROB BEAN, EXTRACT (CERATONIA SILIQUA L.)	084961-45-5	182.20
ASP	1857	BETA-CAROTENE	007235-40-7	73.95 166.110 101.9 184.1245 73.1095 73.2095
ASP	1858	CARRAGEENAN	009000-07-1	182.7255 172.620 150.161 133.178 139.122 150.141 136.110 139.121 133.179 172.625
NUL	1859	CARRAGEENAN, AMMONIUM SALT OF	060063-90-3	172.626
NUL	1860	CARRAGEENAN, AMMONIUM SALT OF, WITH POLYSORBATE 80	977089-28-3	
ASP	199	CARRAGEENAN AND SALTS OF CARRAGEENAN	977043-69-8	172.626 150.141 176.170 136.110 139.121 139.122 150.161
ASP	1861	CARRAGEENAN, CALCIUM SALT OF	009049-05-2	172.626
NUL	1862	CARRAGEENAN, CALCIUM SALT OF, WITH POLYSORBATE 80	977089-29-4	
ASP	1863	CARRAGEENAN, POTASSIUM SALT OF	064366-24-1	172.626
NUL	1864	CARRAGEENAN, POTASSIUM SALT OF, WITH POLYSORBATE 80	977089-30-7	
NIL	200	CARRAGEENAN SALTS WITH POLYSORBATE 80	977043-70-1	172.623
ASP	1865	CARRAGEENAN, SODIUM SALT OF	009061-82-9	172.626
NUL	1866	CARRAGEENAN, SODIUM SALT OF, WITH POLYSORBATE 80	977089-31-8	
NUL	1867	CARRAGEENAN WITH POLYSORBATE 80	977043-68-7	172.623
ASP	201	CARROT, OIL (DAUCUS CAROTA L.)	008015-88-1	182.20 73.300
ASP	202	CARVACROL	000499-75-2	172.515
ASP	203	CARVACRYL ETHYL ETHER	004732-13-2	172.515
ASP	204	CARVEOL	000099-48-9	172.515
ASP	205	4-CARVOMENTHENOL	000562-74-3	172.515